Claim listing:

1-4. (Cancelled)

5. (New) A tensioner used for imparting proper tension to a wrapping transmission member, comprising:

a plastic outer body;

said plastic outer body includes a tensioner mounting means;

said plastic outer body includes an eccentric inner body unit fitting hole;

said eccentric inner body unit fitting hole of said plastic outer body includes cylindrically shaped side walls forming a counterbore and a shoulder therein and a second eccentric counterbore therein;

an inner body unit;

said inner body unit includes an inner body, an eccentric plunger accommodating hole within said inner body, a compression spring, a check valve, a plunger and a ratchet; said eccentric plunger accommodating hole includes cylindrically shaped walls forming a counterbore and a shoulder therein and a second bore therethrough; said check valve is press-fit into and resides partially within said second bore of said eccentric plunger accommodating hole of said inner body of said inner body unit; said check valve includes a portion thereof which protrudes eccentrically from said inner body of said inner body unit; said plunger slidingly engages said counterbore of said eccentric plunger accommodating hole and said spring resides in said counterbore of said eccentric plunger accommodating hole intermediate said check valve and said plunger; said plunger is retained in said counterbore of said eccentric plunger accommodating hole of said inner body of said inner body unit by said ratchet;

said inner body of said inner body unit includes a generally cylindrically shaped exterior surface terminating in a planar end surface; said portion of said check valve which protrudes eccentrically from said inner body of said inner body unit includes a generally cylindrically shaped exterior surface;

said inner body unit is inserted into and partially resides in said counterbore of said eccentric inner body fitting hole of said plastic outer body;

said portion of said check valve which protrudes eccentrically from said inner body of said inner body unit resides in but does not engage said second eccentric counterbore of said eccentric inner body fitting hole of said plastic outer body;

a portion of said generally cylindrically shaped exterior surface of said inner body of said inner body unit interengages said counterbore of said cylindrically shaped eccentric inner body fitting hole of said plastic outer body;

said portion of said generally cylindrically shaped exterior surfaces of said inner body of said inner body unit are completely sealed and affixed by heat welding to said cylindrically shaped eccentric inner body fitting hole of said plastic outer body;

said planar end surface of said inner body of said inner body unit interengages said shoulder of said counterbore of said cylindrically shaped eccentric inner body fitting hole of said plastic outer body;

said planar end surface of said inner body of said inner body unit is completely sealed and affixed by heat welding against and to said shoulder of said counterbore of said cylindrically shaped eccentric inner body fitting hole of said plastic outer body; and,

said insertion, affixation and sealing of said inner body unit in said counterbore of said eccentric inner body fitting hole of said plastic outer body and said orientation of said protruding portion of said check valve within but not engaging said second eccentric counterbore of said plastic outer body prohibits rotation of said inner body unit with respect to said plastic outer body which may tend to occur due to engine forces.

6. (New) The tensioner according to claim 5, wherein said heat welding is ultrasonic deposition.

7. (New) The tensioner mounting means according to claim 5, wherein said tensioner mounting means includes a bushing and a mounting hole in said outer body and said bushing is heat welded onto said outer body.

8. (New) The tensioner according to claim 7, wherein said heat welding is ultrasonic welding.